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Docket Number 8571:42 Serial Number 10/044,408

BY APPLICANT

(Use Several Sheets if Necessary)

Filing Date
January 11, 2002

Group Art I 2681

U. S. PATENT DOCUMENTS

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EXAMINER INITIAL	X.	DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS		FILING DATE APPROPRIA
ĴĿ	A1	4,841,136	06/20/89	Nakayama, et al.	250	231 R	12/15/87
JL	A2	4,862,802	09/05/89	Streifer, et al.	102	201	07/11/88
JL	A3	5,055,666	10/08/91	Miyahara	250	206.1	05/30/90
JL	A4	5,198,868	03/30/93	Saito, et al.	356	142	07/20/92
JL	A5	5,237,384	08/17/93	Fukunaga, et al.	356	141	07/05/91
JL	A6	5,355,609	10/18/94	Schenke	42	103	09/09/93
JL	A7	5,621,975	04/22/97	Rando	33	227	08/22/95
JL	A8	5,754,285	05/19/98	Eslambolchi, et al.	356	73.1	03/12/97
JL	A9	5,883,697	03/16/99	Ohyama	355	18	04/25/95
JL	A10	6,025,942	02/15/00	Scifres	359	125	03/27/97
JL	A11	6,085,155	07/04/00	Hayase, et al	702	40	03/18/97
JL	A12	6,087,645	07/11/00	Kitajima, et al	250	203.1	05/20/98
JL	A13	6,094,189	07/25/00	Quillen, et al.	345	158	04/17/98
JL	A14	US6,184,979B1	02/06/01	Hirano, et al.	356	247	07/29/97
JL	A15	US6,240,312B1	05/29/01	Alfano, et al.	600	476	10/23/98
JL	A16	US6,283,756B1	09/04/01	Danckwerth, et al	434	11	01/20/00

FOREIGN PATENT DOCUMENTS

			DATE		CLASS	SUBCLAS S	TRANSLATION	
	X	DOCUMENT NUMBER		COUNTRY			YES	NO
JL	B1	EP0314177A2	05/03/89	Europe				X
JL	B2	EP0486245A1	05/20/92	Europe				Х
JL	ВЗ	EP0619662A2	10/12/94	Europe				Х
JL	B4	EP0700692A1	02/20/96	Europe				X
JL	B 5	EP0797074A2	09/24/97	Europe				X
JL	B6	EP0939469A2	09/01/99	Europe	L			Х

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2003 2	(Use Several Sheets if Necessary)				Filing Date January 11		Group Art Unit 2681			
DEMARKS			U. S	S. PATENT	DOCUMENT	rs				
EXAMINER INITIAL	Х	DOCUMENT NUMBER	DATE	NAME CLASS		SUBCLASS	FILING D.			
JL		5,604,592	2/18/97	Kotidis, et al. 356		356	357	6/7/	95	
JL		5,619,326	4/8/97	Takamatsu, et al.		356	357	3/24/95		
JL		6,335,943 B1	1/1/02	Lorraine, et al.		372	28	7/27/99		
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			FORE	GN PATE	NT DOCUME	NTS				
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		(Inclu			CUMENTS ate, Pertinent	t Pages, Etc.)				
		International Search	Report, Eur	opean Pat	ent Office, 9/1	1/2003, 8 page	es.			
EXAMINE	EXAMINER /John Lee/				DATE CONSIDERED 06/19/2006					